

41
(cont)
states, including an open state in which the conductive elements are physically separated from each other, and a closed state in which the conductive elements physically contact each other;

where the springing beam includes a magnetic material which, in the presence of a magnetic field, creates an actuation force that causes the electrically conductive elements to apply power to or remove power from at least one of the windings by switching from one of the switching states to another of the switching states; and

a magnetic rotor having at least one pole positioned to induce a magnetic field in each MEMS relay when passing by the relay. --

Please add claim 16-19.

-- 16. (New) The motor of claim 6, wherein the windings are arranged in pairs of primary and secondary windings and each relay connects to a corresponding one of the pairs of windings.

17. (New) The motor of claim 16, wherein the secondary windings all connect to a common node and each of the primary windings connects to the corresponding relay.

18. (New) The motor of claim 6, wherein the motor is a four-pole, three-phase motor.

19. (New) The motor of claim 18, wherein the motor includes three relays separated from each other by approximately 120°. --